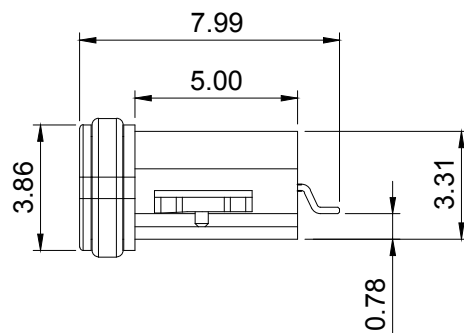
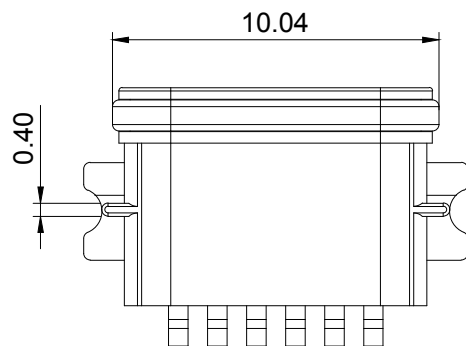
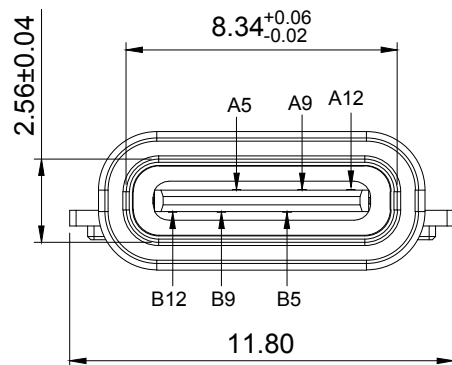
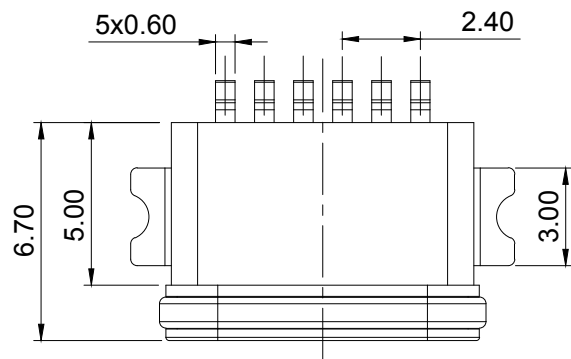
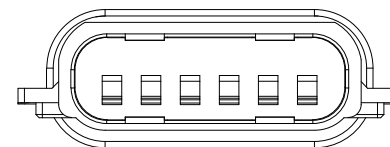
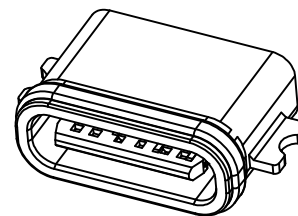


Waterproof Ring Size Chart



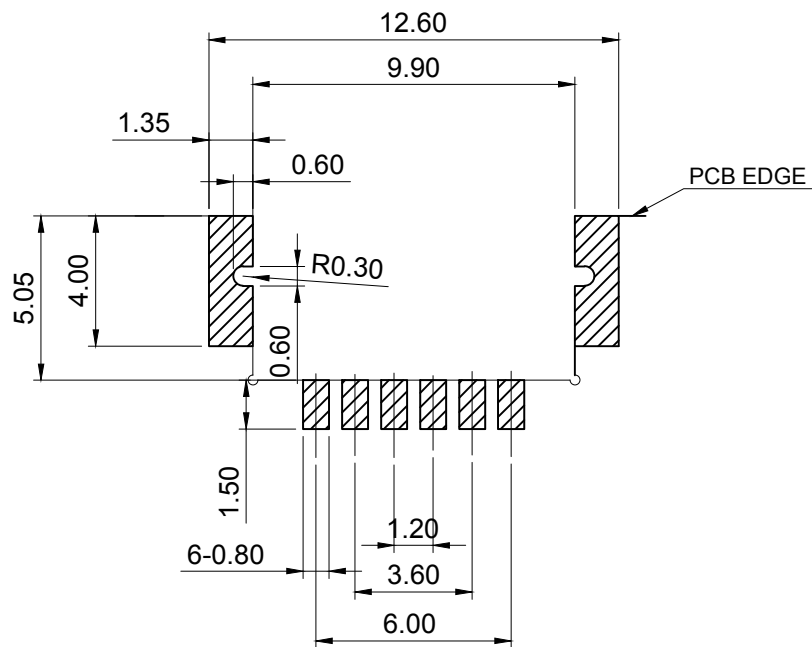
TYPE:

|     |                 |                 |                                                                                                              |      |
|-----|-----------------|-----------------|--------------------------------------------------------------------------------------------------------------|------|
| 7   | Cap             | LCP UL94V-0     | Black                                                                                                        | ---  |
| 6   | Glue            | EPOXY GLUE      | BLACK                                                                                                        | 1PCS |
| 5   | O-RING          | Silica Gel      | Red                                                                                                          | 1PCS |
| 4   | Shell: Kirsite  | SUS304 T=0.20mm | T i 60u"Min,N 30u"Min                                                                                        | 1PCS |
| 3   | Shielding Plate | SUS301 T=0.15mm | ---                                                                                                          | 1PCS |
| 2   | Contact         | C5191 T=0.20mm  | Au 1u"Plated On Vontact Area<br>Tin 60u"Min Plated On Solder Area;<br>Nickel 50u"Min Under Plating Over All. | 1SET |
| 1   | Housing         | LCP UL94V-0     | Black                                                                                                        | 1PCS |
| No. | Description     | Material        | Remarks                                                                                                      | QTY  |

**CJTconn**

CHANGJIANG CONNECTORS CO.,LTD.

|                                                     |             |                                                                                       |                                                            |           |
|-----------------------------------------------------|-------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|-----------|
| Unit                                                | Scale       | Sheet                                                                                 | TITLE                                                      |           |
| mm                                                  | 1:1         | 1 of 3                                                                                |                                                            |           |
| DRAWN                                               | CHK'D       | APPR                                                                                  | USB TYPE-C FEMALE 6PIN TOP-MOUNT<br>CH1.68 WATERPROOF IP67 |           |
| Haisen Li                                           | Diankui Wan | Jack Yin                                                                              |                                                            |           |
| General Tolerances                                  |             | THIRD ANGLE<br>PROJECTION                                                             | DRAWING NO.                                                |           |
| x.xx±0.25<br>x.xxx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |             |  |                                                            |           |
|                                                     |             |                                                                                       | CJ-CF196-6P                                                | REV<br>A0 |



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$

#### USB Type-C Pin Assignments

| Pin Number | Signal Name | Pin Number | Signal Name |
|------------|-------------|------------|-------------|
| A1         | ---         | B12        | GND         |
| A2         | ---         | B11        | ---         |
| A3         | ---         | B10        | ---         |
| A4         | ---         | B9         | VBUS        |
| A5         | CC1         | B8         | ---         |
| A6         | ---         | B7         | ---         |
| A7         | ---         | B6         | ---         |
| A8         | ---         | B5         | CC2         |
| A9         | VBUS        | B4         | ---         |
| A10        | ---         | B3         | ---         |
| A11        | ---         | B2         | ---         |
| A12        | GND         | B1         | ---         |

#### Specifications:

- Electrical Performance,
  - Current Rating: 3 Amps. For Total VBUS/GND Pins;  
1.25Amps For CC Pin,  
0.25 Amps. For All Other Contact.
  - Voltage Rating: 20 V DC/AC (Rms. Max)
  - Contact Resistance: 40m $\Omega$  Max Initial.  
50m $\Omega$  Max After Test
  - Dielectric Withstanding Voltage: 100V AC
  - Insulation Resistance: 100M $\Omega$  Min
- Mechanical Performance,
  - Insertion Force: 5~20N.
  - Extraction Force: 8~20N.
  - Durability: 10000 Cycles.
- Environmental Performance:
  - Operating Temperature: -25°C~+85°C.
- IR Reflow:
  - The Peak Temperature on The Board Shall Be Maintained For 10 Seconds At 260°C.
- Compliance With ROHS Requirements.
- Salt Spray: 24H
- Waterproof Grade: IP67

#### Ordering Information:

CJ-CF198 - 6P - \*\*\* - \*\*\*  
1 2 3

#### 1.Part NO.

#### 2.Finish:

(Blank): Select Gold: 1 $\mu\text{m}$ [0.025 $\mu\text{m}$ ]Min.  
Select Reflowed matte tin: 60 $\mu\text{m}$ [1.50 $\mu\text{m}$ ] Min  
Overall Nickel Underplate: 50 $\mu\text{m}$ [1.25 $\mu\text{m}$ ] Min.

G15: Select Gold: 15 $\mu\text{m}$ [0.38 $\mu\text{m}$ ]Min.

Select reflowed matte tin: 80 $\mu\text{m}$ [2.03 $\mu\text{m}$ ] Min  
Overall Nickel Underplate: 30 $\mu\text{m}$ [0.76 $\mu\text{m}$ ] Min.

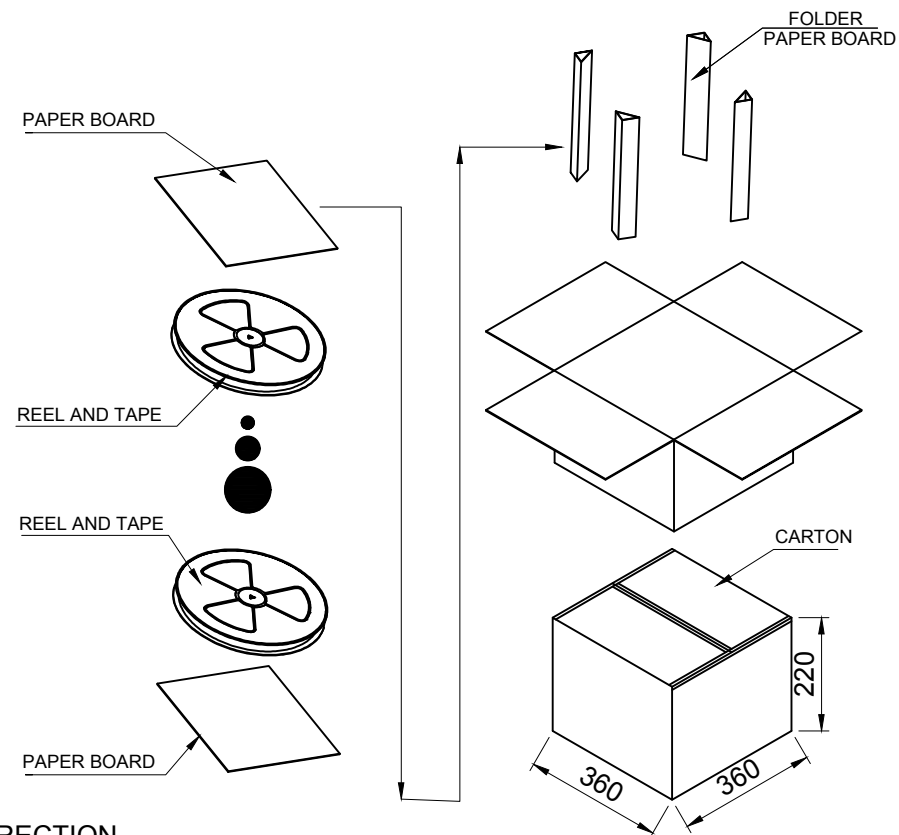
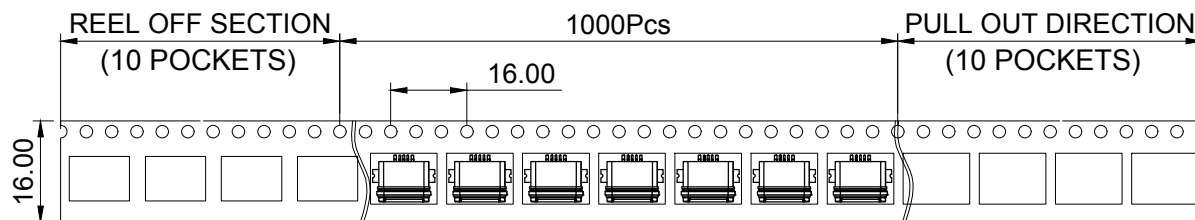
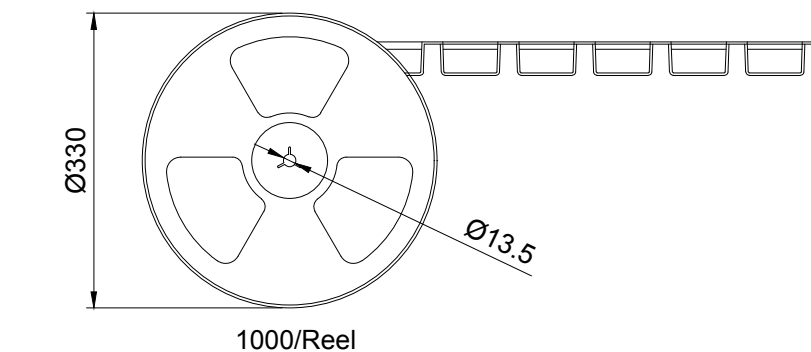
G30: Select Gold: 30 $\mu\text{m}$ [0.76 $\mu\text{m}$ ]Min.

Select reflowed matte tin: 80 $\mu\text{m}$ [2.03 $\mu\text{m}$ ] Min Overall  
Nickel Underplate: 30 $\mu\text{m}$ [0.76 $\mu\text{m}$ ] Min.

#### 3.Packing:

(Blank): Tape & Reel

| CJTconn                                            |             |                                                                                       |                                                            | CHANGJIANG CONNECTORS CO.,LTD. |           |
|----------------------------------------------------|-------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------|-----------|
| Unit                                               | Scale       | Sheet                                                                                 | TITLE                                                      |                                |           |
| mm                                                 | 1:1         | 2 of 3                                                                                | USB TYPE-C FEMALE 6PIN TOP-MOUNT<br>CH1.68 WATERPROOF IP67 |                                |           |
| DRAWN                                              | CHK'D       | APPR                                                                                  |                                                            |                                |           |
| Haisen Li                                          | Diankui Wan | Jack Yin                                                                              |                                                            |                                |           |
| General Tolerances                                 |             | THIRD ANGLE<br>PROJECTION                                                             |                                                            | DRAWING NO.                    |           |
| x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |             |  |                                                            |                                |           |
|                                                    |             |                                                                                       |                                                            | CJ-CF196-6P                    | REV<br>A0 |



|                 | REEL | CARTON |
|-----------------|------|--------|
| CONNECTOR (PCS) | 1000 | 10000  |

|                                                    |             |                        |                                                            |
|----------------------------------------------------|-------------|------------------------|------------------------------------------------------------|
| <b>CJTconn</b> CHANGJIANG CONNECTORS CO.,LTD.      |             |                        |                                                            |
| Unit                                               | Scale       | Sheet                  | TITLE                                                      |
| mm                                                 | 1:1         | 3 of 3                 |                                                            |
| DRAWN                                              | CHKD        | APPR                   | USB TYPE-C FEMALE 6PIN TOP-MOUNT<br>CH1.68 WATERPROOF IP67 |
| Haisen Li                                          | Diankui Wan | Jack Yin               |                                                            |
| General Tolerances                                 |             | THIRD ANGLE PROJECTION | DRAWING NO.<br>CJ-CF196-6P                                 |
| x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |             |                        |                                                            |
| REV                                                | DESCRIPTION | DATE                   | REV<br>A0                                                  |

|     |             |            |
|-----|-------------|------------|
| A0  | NEW RELEASE | 2023.08.23 |
| REV | DESCRIPTION | DATE       |